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# **Product Development Product Design** Robin Harbage, FCAS, MAAA

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#### **Presentation Goals**

- Highlight topics in Product Design.
- Solicit examples or further topics.
- Discuss with your team and present biggest challenge for your selected product.

## **Marketing**

- Objectives
  - New business growth
  - Retention
  - Enhance profitability
  - Define or strengthen Brand
- Budget
- Competitive intelligence
- Advertising plan
- Tracking results

## **Pricing**

- Is effort a price change or a product change, or both?
- Does the change expand coverage?
- Identify important variables
- Identify interactions between variables
- Model expected losses and expenses
- If possible, model elasticity of demand
- Evaluate impact of product/coverage changes
- Calculate price and rate changes
- Forecast future effects for control metrics

## **Underwriting**

- Take all comers philosophy
- Targeted selection philosophy
- New or renewal business verification or data collection
- Manual UW or expert system

#### Sales

- Seek input
- Gain commitment
  - Identify best practices and wins
- Training
- Metrics
  - Impact to current products
  - Identify trends
  - Identify outliers

#### I/T

- Are I/T changes needed?
- Can you leverage existing infrastructure?
- Build or buy
- Lead time
- Budget for CBA

# Legal

- Identify and quantify risks (early)
- All legal risks cannot be avoided
- Regulatory issues
- Contracts
- Filing requirements
- All product changes do not need to be filed

## **Operations**

- Required training
- Document procedure changes
- System impact
- Review customer complaints as early warning system
- Damage control process if needed
- Metrics
- Unintended consequences

#### **Claims**

- Has coverage changed?
- Does Claims have expertise?
- Procedure changes
- Systems
- Training
- Metrics

#### **Control & Finance**

- Establish benchmarks for success
- Develop methods and reports for monitoring progress against goals
- What are major risks?
- Establish accountability for monitoring and fixing
- Exit strategy

#### Other considerations

- Is price the only lever?
  - Billing
  - Product enhancement
  - Additional features
  - Packaging
  - Distribution

# **Assignment**

- Identify three of the topics discussed that you feel are going to be particularly important issues for your new product.
- Be prepared to present them to the group.